



Guangyang Secondary School
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Semestral Plan for Sec 3 Express Additional Mathematics 2023

The document captures the curriculum and assessment plan for Sec 3 Express Additional Mathematics for the year.

1 Curriculum Plan

Tentative Week	Topics to cover
Term 1 Week 1 – 4	Chapter 1 – Quadratic Functions
Term 1 Week 5 – 7	Chapter 2 – Equations and Inequalities
Term 1 Week 8 – 9	Chapter 3 – Surds
Term 1 Week 9	Term 1 Weighted Assessment (WA1)
Term 1 Week 10	WEALTH WEEK
11 to 19 March	March Holidays
Term 2 Week 1 – 4	Chapter 4 – Polynomials and Partial Fractions
Term 2 Week 5 – 9	Chapter 5 – Exponential and Logarithmic Functions
Term 2 Week 8	Term 2 Weighted Assessment (WA2)
Term 2 Week 10	Chapter 6 – Binomial Theorem
27 May to 25 June	June Holidays
Term 3 Week 1	Chapter 6 – Binomial Theorem
Term 3 Week 2 – 3	Chapter 7 – Coordinate Geometry
Term 3 Week 4	Chapter 8 – Circles
Term 3 Week 5 – 7*	Chapter 9 – Applications of Straight Line Graphs *T3 Week 5/6: Sec 3 MOE-OBS Challenge
Term 3 Week 8	Term 3 Weighted Assessment (WA3)
Term 3 Week 8 – 9	Chapter 10 – Trigonometric Functions
Term 3 Week 10	Revision
2 September to 10 September	September Holidays
Term 4 Week 1 – 2	Revision
Term 4 Week 3 – 4	End-of-year Examinations
Term 4 Week 5 – 6	Go through exam papers
Term 4 Week 6 – 7/8 (Headstart Programme)	Chapter 11 – Trigonometric Identities and Equations

Syllabus for GCE O Level Mathematics (Subject code: 4049) can be retrieved from SEAB website: https://www.seab.gov.sg/docs/default-source/national-examinations/syllabus/olevel/2023syllabus/4049_y23_sy.pdf

2 Assessment Plan

Components of Assessments:

- **Weighted Assessments (WA)**
- **End-of-Year Examination (EYE)**

Semester	Semester 1		Semester 2	
Term	Term 1	Term 2	Term 3	Term 4
Types of Assessment	WA 1	WA 2	WA3	End-of-Year Examination
Weightage	15%	15%	15%	55%
Date	Term 1 Week 9	Term 2 Week 8	Term 3 Week 8	Term 4 Week 3 – 4
Topics Covered (Tentative)	<ul style="list-style-type: none">• Chapters 1 and 2	<ul style="list-style-type: none">• Chapters 3, 4 and 5	<ul style="list-style-type: none">• Chapter 6, 7 and 8	<ul style="list-style-type: none">• Chapter 1 to 10• Refer to EOY Exam Format
Assessment Mode	Written			

- Various modes of formative assessments (quizzes, exit tickets, journal writing, project work, etc) are conducted regularly to assess students' learning progress.

End-of-Year Exam Format

Duration: 2 hour 15 minutes (One Paper)

Total marks: 90 marks

Candidates are required to answer ALL questions on spaces provided

Absence from tests

- (a) Medical certificates must be produced if student is absent for the test.
- (b) Parent's letter is strongly discouraged and its validity will be approved based on a case-by-case basis.
- (c) Absence from any test without a valid reason will result in zero mark for the test.
- (d) Do note that student will have to do a make-up test on the day he/she returns to school.

With this information, we hope all students will better prepare themselves for the heavy academic demands this year.

Do feel free to contact the mathematics teachers should further clarification is needed on this matter.

Class	Teacher
3E1	Mrs Ling-Seet
3E2	Ms Elaine Chan